

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2    | "20050110018".PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 09:28 |
| L3    | 56   | ((ic ADJ2 chip) ADJ5 driv\$5) AND "345"/\$.CCLS. AND (("liquid-crystal" OR (liquid ADJ2 crystal)) ADJ3 display).AB. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:26 |
| L4    | 0    | 345/1.1-3.4.CCLS. AND 3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:27 |
| L5    | 2    | "5576738".PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:08 |
| L6    | 28   | 3 AND bus   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:24 |
| L7    | 872  | (address\$5 ADJ3 (device OR mean)) NEAR5 (((("read-only" OR "read only") ADJ2 memory) OR ram OR rom)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:26 |
| L8    | 7    | 7 AND "345"/\$.CCLS. AND (("liquid-crystal" OR (liquid ADJ2 crystal)) ADJ3 display).AB.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:26 |
| L9    | 0    | 345/1.1-3.4.CCLS. AND 8   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:29 |
| L10   | 0    | 345/1.1-3.4.CCLS. AND 7   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/16 11:27 |

S.M.

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| L11 | 93   | ((modul\$5 ADJ3 display) OR (plural ADJ3 display)).AB. AND "345"/\$. CCLS. AND (address\$5 WITH (ram OR rom OR memory)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 11:36 |
| L12 | 13   | 345/1.1-3.4.CCLS. AND 11  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 11:29 |
| L13 | 26   | ((modul\$5 ADJ3 display) OR (plural ADJ3 display)).AB. AND "345"/\$. CCLS. AND (address\$5 WITH (ram OR rom))           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 11:55 |
| L14 | 2    | "5523769".PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/16 11:55 |
| S1  | 9    | 345/1.1-3.4.CCLS. AND (ic ADJ3 chip) AND address\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 08:59 |
| S2  | 18   | 345/1.1-3.4.CCLS. AND (ic ADJ3 chip)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 09:24 |
| S3  | 6162 | (modul\$5 ADJ3 display).AB.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/14 15:43 |
| S4  | 351  | "345"/\$.CCLS. AND S3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/14 15:43 |
| S5  | 38   | 345/1.1-3.4.CCLS. AND S3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:17 |
| S6  | 2    | "5523769".PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 08:59 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S7  | 293   | display.AB. AND "345"/\$.CCLS. AND ((data ADJ3 (processor OR processing)) WITH decod\$5)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 09:41 |
| S8  | 78    | (detect\$5 OR sens\$5) ADJ3 ((chang\$5) ADJ3 ((data OR content) ADJ5 frame))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 09:35 |
| S9  | 12    | display.AB. AND "345"/\$.CCLS. AND S8  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 09:28 |
| S10 | 2     | "20050110018".PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 09:41 |
| S11 | 6162  | (modul\$5 ADJ3 display).AB.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:37 |
| S12 | 2     | 345/1.1-3.4.CCLS. AND S11 AND (address\$5 WITH (register OR semiconductor OR semi-conductor OR "ic chip")) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:37 |
| S13 | 6     | 345/1.1-3.4.CCLS. AND S11 AND (address\$5 WITH (memory OR ram OR rom))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:20 |
| S14 | 6     | 345/1.1-3.4.CCLS. AND S11 AND (address\$5 NEAR7 (memory OR ram OR rom))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:21 |
| S15 | 281   | 345/1.1-3.4.CCLS. AND (address\$5 NEAR7 (memory OR ram OR rom))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:35 |
| S16 | 19333 | display.AB. AND (address\$5 NEAR5 memory)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:36 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S17 | 711  | "345"/\$.CCLS. AND display.AB. AND (address\$5 NEAR5 ROM)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:36 |
| S18 | 245  | ((("liquid-crystal" OR (liquid ADJ2 crystal)) ADJ3 display) AND S17  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:37 |
| S19 | 6    | 345/1.1-3.4.CCLS. AND S11 AND (address\$5 WITH memory)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:37 |
| S20 | 0    | 345/1.1-3.4.CCLS. AND S11 AND (address\$5 WITH rom)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:37 |
| S21 | 1    | 345/1.1-3.4.CCLS. AND S11 AND (address\$5 WITH ram)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:41 |
| S22 | 1147 | "345"/\$.CCLS. AND (display AND (address\$5 NEAR5 (memory OR rom OR ram))).AB.                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 10:43 |
| S23 | 6    | S11 and S22  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 14:22 |
| S24 | 14   | ((((driving ADJ3 circuit\$5) OR driver) NEAR5 encod\$5) AND (processor NEAR5 decod\$5) AND "345"/\$. CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 15:47 |
| S25 | 100  | ((((driving ADJ3 circuit\$5) OR driver) NEAR5 encod\$5) AND (decod\$5) AND "345"/\$.CCLS.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 14:37 |
| S26 | 1695 | (processor ADJ3 (includ\$5 OR compris\$5)) ADJ3 decod\$5   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 15:51 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S27 | 70 | ((driver OR (driving ADJ3 (device OR component OR mean))) ADJ3 (includ\$5 OR compris\$5)) ADJ3 encod\$5 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 15:50 |
| S28 | 0  | S26 AND S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 15:50 |
| S29 | 2  | "20050093775".PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/15 16:43 |